

GENES FOR GALACTOMANNAN PRODUCTION IN PLANTS
AND METHODS OF USE

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ABSTRACT OF THE DISCLOSURE

The invention relates to the genetic manipulation of plants, particularly to the expression of galactomannan biosynthetic genes in transformed plants. Isolated nucleotide molecules comprising nucleotide sequences encoding mannan synthase and galactosyltransferases and methods for their use are 10 provided. The nucleotide molecules find use in the production of gum in transformed plants.